

## IDENTIFICATION

**Species:** *Mimulus guttatus*

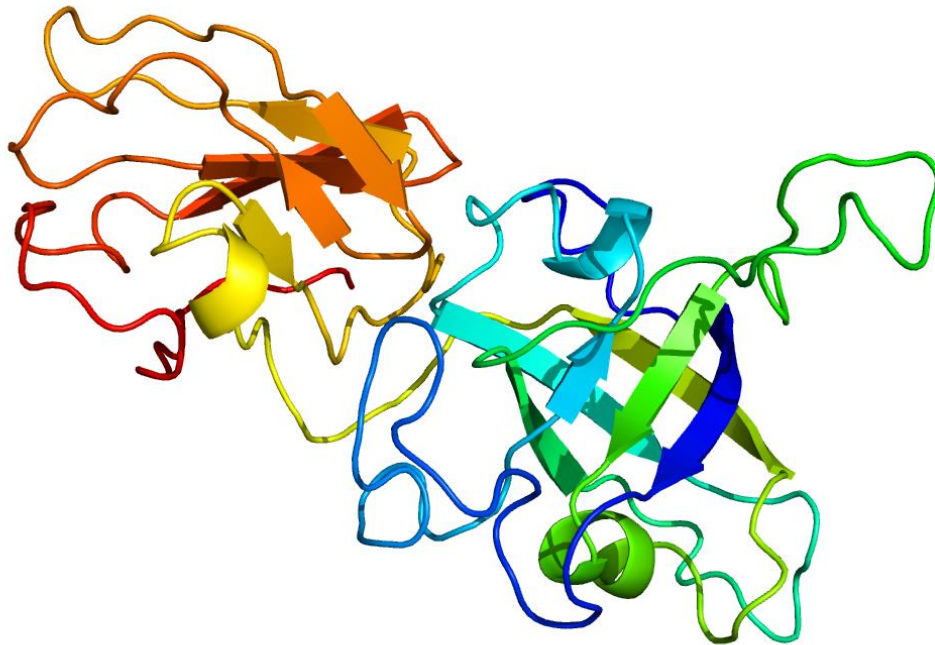
**Locus:** Migut.F01249

**Gene Model:** Migut.F01249.1.p

**Description:** MgEXPA-11

**Family:** Alpha Expansin

**3D structure:**



## GENOME DATABASES

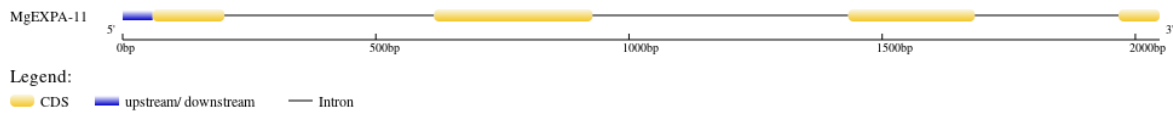
Phytozome: [https://phytozome-next.jgi.doe.gov/info/Mguttatus\\_v2\\_0](https://phytozome-next.jgi.doe.gov/info/Mguttatus_v2_0)

KEGG:-

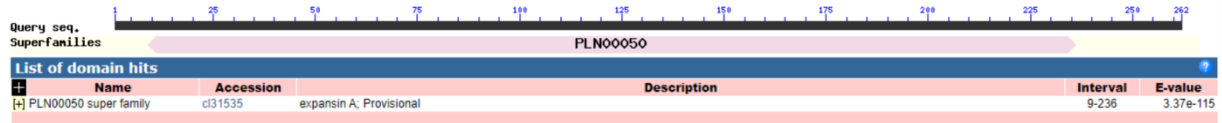
## EXTERNAL RESOURCES

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## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>MgEXPA-11

MALSMVSHVLLLLSLFGFCLRATYGDNGGWQSAYATFYGGSDASGTMGGACGYGN  
LYSQYGTNTAALSTALFNNGMSCGACFELRCSSNPKSCLSGSIMVTATNFCPPNPSL  
PNNNGGWCNPPRQHFDLAQPAFVQIAQYRAGIVPVSFRRVPCKKKGGIRFTINGHSYF  
NLVLVTNVAGAGDVHSVSIKGSKTGWQSLSRNWGQNWQSNLSYLNQSLSFQVATS  
DGRTVTSYNVVEAVAASLRPLRTHKPRRYIFYFLD\*

### CDS (coding sequence)

>MgEXPA-11

ATGGCTTTGTCTATGGTTTCTCATGTAGTACTATTGTTGTCATTGTTTGGCTTCTGT  
CTGAGAGCTACTTATGGTGACAATGGCGGTTGGCAAAGTGCTTATGCTACTTTCT  
ACGGCGGTAGTGATGCATCCGGCACCATGGGAGGGGCTTGTGGGTATGGCAATTT  
GTACAGCCAAGGGTACGGTACAAACACGGCGGCGCTTAGTACAGCTCTGTTCAAC  
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CGTGTCTTTCGGGCAGCATAATGGTGACCGCCACCAATTTCTGCCCGCCTAACCC  
TCTCTACCAACAACAATGGCGGGTGGTGCAACCCTCCACGTCAGCACTTTGATT  
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### Nucleotide

>MgEXPA-11

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